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WSU Registrar

Washington State University
MINOR CURRICULAR CHANGE FORM
(Submit original and one copy)

Consult the *Educational Policies and Procedures Manual* for specific instructions for completing form.

1. ENTER COURSE PREFIX AND NUMBER.

2. CHECK PROPOSED CHANGES.

- Course description (*Enter full description below, underlining added words and striking through deleted words.*)
- Special Topics Title change
- Permanent Title change (former title Analysis of Variance of Designed Experiments)
- Reduction of Credit (former credit _____)
- Prerequisite change (former prerequisite Math 360 or Stat 412)
- Drop Non-Service Course.

(Note: if crosslisted course, all chairs and deans must approve changes)

3. COMPLETE CHANGES TO COURSE INFORMATION.

Stat 512 Statistical Methods in Research II
 course prefix course no. title

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title abbreviation (12 digits including spaces)

3 2-2 Stat 412, or equivalent
 credit lect-lab ratio prerequisite

Description (20 words or less) Analysis and interpretation of designed experiments: CRD, RCBD, spit-plot and repeated measures, multiple comparisons, multiple regression modeling, validation of assumptions

Effective term and year Spring 2011

GIVE REASONS FOR EACH REQUEST. (*Attach additional paper if necessary.*)

The previous name of STAT 512 reflected the nature of the course, but not the relationship with STAT 412. STAT 412 and STAT 512 represent a sequence of courses in statistical methodology, thus the name change reflects this sequence. The previous course description did not reflect the true nature of the course material that has been taught in the class.

5. SIGN AND DATE APPROVALS.

Mel James Ghelco [Signature] 9/23/10 _____
 Chair/date Dean/date Catalog Editor/date

 Chair (if crosslisted) Dean (if crosslisted)

Forward form to Registrar's Office, French Ad 356, zip 1035. Questions? Call 335-5586.

Contact person: Marc Evans Contact phone number: 335-8647

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Stat 512

Current:

Stat

512 Analysis of Variance of Designed Experiments 3 (2-2) Prereq Math 360 or Stat 412.
Principles of experimental design and analysis and interpretation of data.

Proposed:

Stat

512 Statistical Methods in Research II 3 (2-2) Prereq Stat 412, or equivalent. Analysis and interpretation of designed experiments: CRD, RCBD, split-plot and repeated measures, multiple comparisons, multiple regression modeling, validation of assumptions.

			application of statistical methods.	descriptive and inferential statistics: t-tests, chi-square tests, one-way ANOVA, simple linear regression and correlation.	
Stat	412	Revise	Biometry 3 Prereq Stat 212, Math 140, 171, 202, or graduate standing. Principles and methods of statistical analysis as applied to biological experimentation. Cooperative course taught by WSU, open to UI students (STAT 412).	Statistical Methods in Research I 3 Prereq Stat 212, Math 140, 171, 202, or graduate standing. Intermediate statistical methods, design and analysis of research studies: completely randomized and randomized block designs, multiple regression, categorical data analysis. Cooperative course taught by WSU, open to UI students (STAT 412).	1-11
Stat	512	Revise	Analysis of Variance of Designed Experiments 3 (2-2) Prereq Math 360 or Stat 412. Principles of experimental design and analysis and interpretation of data.	Statistical Methods in Research II 3 (2-2) Prereq Stat 412 or equivalent. Analysis and interpretation of designed experiments: CRD, RCBD, split-plot and repeated measures, multiple comparisons, multiple regression modeling, validation of assumptions.	1-11
V M	510	Revise	Veterinary Microscopic Anatomy 5 (3-6) Prereq first year in veterinary medicine or graduate student. Microscopic functional morphology of the cell, tissues, and selected organ systems of domestic animals. S, M, F grading.	Veterinary Microscopic Anatomy 4 (3-3) Prereq first year in veterinary medicine or graduate student. Microscopic functional morphology of the cell, tissues, and selected organ systems of domestic animals. S, M, F grading.	8-11